

**House Armed Services Committee**  
**Garcia, Mike(R-CA) - Community Project Funding Requests**

<b>ID</b>	<b>Request Project Name</b>	<b>Recipient Name</b>	<b>Request Member's Request (in thousands, \$000)</b>
238	Critical Non-Destructive Inspection and Training for Key U.S. National Defense Interests through College of the Canyons Advanced Technology Center	College of the Canyons	\$2,000

Request ID: 238			
Project Name:	Critical Non-Destructive Inspection and Training for Key U.S. National Defense Interests through College of the Canyons Advanced Technology Center	Request Nature:	Community Project Funding
Member Name:	Garcia, Mike(R-CA)	Member's Request: (in thousands, \$000)	\$2,000
Justification:	<p>College of the Canyons (Santa Clarita Community College District) in California proposes a significant program to fund critical training and needs related to the support of national defense priorities. College of the Canyons serves as the only public two-year college within a strategic 367-square-mile service area with critical training responsibilities for aerospace workers in the region. Located in the heart of the Santa Clarita Valley in northern Los Angeles County, College of the Canyons is located near key centers of military air research, such as Edwards Air Force Base and the nearby Antelope Valley, as well as many manufacturing and engineering firms. According to ATKearney, California is a global Aerospace leader, holding 9% of the combined global Space and Aircraft market, representing \$61.6 billion, and College of the Canyons serves as one of the preeminent education providers. Additionally, the Santa Clarita Valley is home to the largest collection of master-planned business parks and residential communities in Los Angeles County. Nearly 30 million-square-feet of industrial and commercial property is currently in use and with additional state-of-the-art property under construction in this growing region, there is tremendous demand for aerospace technicians accompanied by new opportunities for technicians within the rapidly expanding aerospace industries. College of the Canyons' Advanced Technology Center will serve as a central hub for preparing technicians for these high-skill, high-wage, industry-critical jobs by training them in the latest technology demanded by employers. In addition, this proposal supports a critical need for Air Force and other national defense requirements.</p> <p>Non-destructive inspections (NDI), based on technician training, are performed to identify internal and external imperfections in aircraft as part of the determination of structural integrity, composition, and properties. Equipment and training for technicians skilled in non-destructive inspection have many implications for national defense capabilities as well as supply line impacts. Every military aircraft, including key flight platforms such as the F-35, B-2, F-16, F-18, are required to go through NDI prior to flight. Military aircraft adhere to national aerospace standards, which include inspection requirements. NDI training, qualification, and certification is done in accordance with criteria and requirements such as the Aerospace Industries Association National Aerospace Standard NAS-410 Certification.</p> <p>The rapid growth in industrial automation and advanced technology has created a clear need for NDI through the Advanced Technology Center equipment and training for technicians capable of this critical work. NDI is an important part of aviation safety and is used to inspect components throughout production and it is also used to qualify existing materials and inform the design of new materials. NDI ensures material quality during key manufacturing steps, such as component joining, and ongoing NDI testing includes follow-up inspection for aircraft and materials to ensure safety at regular intervals, which ensures overall airworthiness and component stability.</p> <p>By creating an NDI training program at its Advanced Technology Center, College of the Canyons will enable key defense and industrial companies to maintain their technological advantage and enhance national security and aircraft safety. Aerospace manufacturers such as Lockheed, Boeing, and Northrop Grumman are currently experiencing a shortage of trained technicians to do this inspection, yet most metal and composite aircraft components must be subjected to multiple non-destructive inspection methods before being installed on an aircraft. Equipment and training through the Advanced Technology Center at College of the Canyons will provide technicians with the capabilities needed to work with the testing methods used by NDI, such as X-ray, ultrasound radiography, penetrant testing, eddy current, and thermography. The equipment and training of NDI technicians contributes to national defense support, serves the industrial base, and ensures feasibility to fly.</p> <p>College of the Canyons has identified clear employment needs in the northern Los Angeles County region related to this work. New jobs are being created in the Santa Clarita Valley due to growth in mid-sized manufacturing firms such as B&amp;B Manufacturing, Crissair, TA Aerospace, and ITT Aerospace Controls. Qualitatively, as demonstrated by advisory board meetings and conversations with larger employers in the region such as Northrop Grumman, this gap is projected to grow with the anticipated retirement of 30% of their workforce in the next 5 years. This need is great and anticipated to grow, as evidenced by notable examples such as Northrop Grumman's recently signed 60-year aviation contract with the military. By training additional workers through the Advanced Technology Center, Northrop Grumman intends to hire 30 individuals every six months for the foreseeable future. This example is one of many demonstrating the need in the employment pipeline in the defense and aviation sector with projected long-term growth.</p>		
Project Purpose:	This project is for the purchase of equipment for the creation of a training program to allow the College of the Canyon's Advanced Technology Center to train students in Non-Destructive Inspections.		
Project City or County:	Santa Clarita	Project State:	CA
Recipient Name:	College of the Canyons	Recipient Mailing Address:	26455 Rockwell Canyon Road Santa Clarita, CA 91355

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HOUSE COMMITTEE ON APPROPRIATIONS  
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SUBCOMMITTEE ON ENERGY

**Congress of the United States**  
**U.S. House of Representatives**  
**Washington, DC 20515-0525**

April 14, 2022

The Honorable Adam Smith  
Chairman  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

The Honorable Mike Rogers  
Ranking Member  
Committee on Armed Services  
U.S. House of Representatives  
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for the Critical Non-Destructive Inspection and Training for Key U.S. National Defense Interests through College of the Canyons Advanced Technology Center project in fiscal year 2023. The entity to receive funding for this project is College of the Canyons (Santa Clarita Community College District), located at 26455 Rockwell Canyon Road Santa Clarita, CA 91355.

The funding would be used to purchase equipment for the creation of a training program for Non-Destructive Inspections at the College of the Canyon's Advanced Technology Center. By creating an NDI training program at its Advanced Technology Center, College of the Canyons will enable key defense and industrial companies to maintain their technological advantage and enhance national security and aircraft safety.

I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

Mike Garcia  
Member of Congress

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